

PTO/SB/D8A (10-01)

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Substitute for form 1449A/PTO				Complete If Known	
				Application Number	10/820,583
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	April 8, 2004
				First Named Inventor	Michael D. Schneider
				Art Unit	N/A 1636
				Examiner Name	Not Yet Assigned - Tara Garvey
Sheet	1	of	3	Attorney Docket Number	HO-P02673US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
ABH	AA	US-2003/0170889-A1	09-11-2003	Herron, G.S.	
	AB	US-2002/0076719-A1	06-10-2002	Lange, et al.	
	AC	US-6,472,143-B1	10-29-2002	Mikolajczyk, et al.	
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	AF	US-6,297,356-B1	10-02-2001	DeLange, et al.	
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		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				

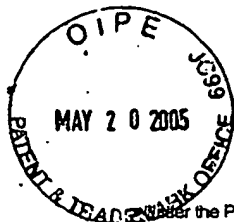
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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ABH	CB	Allshire, Robin C., et al.; Letters to Nature - Telomeric repeat from <i>T. thermophila</i> cross hybridizes with human telomeres; Nature, Vol. 332, pp. 656 - 659 (1988).	
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ABH	CE	Blackburn, Elizabeth H.; Switching and Signaling at the Telomere; Cell, Vol. 106, pp. 661 - 673 (2001).	
ABH	CF	Bodnar, Andrea G., et al.; Extension of Life-Span by Introduction of Telomerase into Normal Human Cells; Science, New Series, Vol. 279 (5349), pp. 349 - 352 (1998).	
ABH	CG	Brown, William R. A.; Letters to Nature - Molecular cloning of human telomeres in yeast; Nature, Vol. 338, pp. 774 - 776 (1989).	
ABH	CH	Cross, Sally H., et al.; Letters to Nature - Cloning of human telomeres by complementation in yeast; Nature, Vol. 338, pp. 771 - 774 (1989).	

Examiner Signature	Tara L. Garvey	Date Considered	11/18/05
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			Examiner Name	Not Yet Assigned Tara Garvey
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CI	Dan, Ippeita, et al.; The Ste20 group kinases as regulators of MAP kinase cascades; TRENDS in Cell Biology, Vol. 11 (5), pp. 220 - 230 (2001).
CJ	de Lange, Titta; Protection of mamalian telomeres; Oncogene, Vol. 21, pp 532 - 540 (2002).
CK	Greider, Carol W., et al.; Commentary - Tracking Telomerase; Cell, Vol. S116, pp. S83 - S86, (2004).
CL	Greider, Carol W., et al.; Identification of a Specific Telomere Terminal Transferase Activity in Tetrahymena Extracts; Cell, Vol. 43, pp. 405 - 413 (1985).
CM	Kubasiak, Lori A., et al. Hypoxia and acidosis activate cardiac myocyte death through the Bcl-2 family protein BNIP3; Proc. Natl. Acad. Sci. USA, Vol. 99 (20), pp. 12825 - 12830 (2002).
CN	Hahn, William C., et al.; Inhibition of telomerase limits the growth of human cancer cells; Nature Medicine, Vol. 5 (10), pp. 1164 - 1170 (1999).
CO	Hirota, Hisao, et al.; Loss of a gp130 Cardiac Muscle Cell Survival Pathway is a Critical Event in the Onset of Heart Failure during Biomechanical Stress; Cell, Vol. 97, pp. 189 - 198 (1999).
CP	Karlseder, Jan, et al.; p53- and ATM-Dependent Apoptosis Induced by Telomeres Lacking TRF2; SCIENCE, Vol. 283, pp. 1321 - 1325 (1999).
CQ	Koh, Gou Young, et al.; Stable Fetal Cardiomyocyte Grafts in the Hearts of Dystrophic Mice and Dogs; J. Clin. Invest., Vol. 96, pp. 2034 - 2042 (1995).
CR	Lee, Han-Woong, et al.; Essential role of mouse telomerase in highly proliferative organs; Nature, Vol. 392, pp. 569 - 574 (1998).
CS	Lundblad, Victoria, et al.; A Mutant with a Defect in Telomere Elongation Leads to Senescence in Yeast; Cell, Vol. 57, pp. 633 - 645 (1989).
CT	MacLellan, W. Robb, et al.; Genetic Dissection of Cardiac Growth Control Pathways; Annual Review of Physiology, Vol 62, pp. 289 - 319 (2000).
CU	Manning, G., et al.; The Protein Kinase Complement of the Human Genome; SCIENCE, Vol. 298, pp. 1912 - 1934 (2002).
CV	McEachern, Michael J., et al.; Telomers and Their Control; Annu. Rev. Genet., Vol. 34, pp. 331 - 358 (2000).
CW	Oh, Hidemasa, et al.; Telomerase reverse transcriptase promotes cardiac muscle cell proliferation, hypertrophy, and survival; Proc. Natl. Acad. Sci. USA, Vol. 98 (18), pp 10308 - 10313, August 28, 2001.
CX	Oka, Yoshio, et al.; Inverted terminal repeat sequence in the macronuclear DNA of Stylonychia pustulata; Gene, Vol. 10, pp. 301 - 306 (1980).
CY	Ono, Koichiro, et al.; An Evolutionarily Conserved Motif in the TAB1 C-terminal Region Is Necessary for Interaction with and Activation of TAK1 MAPKKK; The Journal of Biological Chemistry, Vol. 276 (26), pp. 24396 - 24400 (2001).
CZ	Pluta, Ann F., et al.; Recombination occurs during telomere formation in yeast; Nature, Vol. 337, pp. 429 - 433 (1989).
CA1	Richards, Eric J., et al.; Isolation of a Higher Eukaryotic Telomere from Arabidopsis thaliana; Cell, Vol. 53, pp. 127 - 136 (1988).
CB1	Shibuya, Hiroshi, et al.; TAB1: An Activator of the TAK1 MAPKKK in TGF- β Signal Transduction; SCIENCE, Vol. 272, pp. 1179 - 1182 (1996).
CC1	Stewart, Sheila A., et al.; Senescence: does it all happen at the ends?; Oncogene, Vol. 21, pp. 627 - 630 (2002).
CD1	Szostak, Jack W., et al.; Cloning Yeast Telomeres on Linear Plasmid Vectors; Cell, Vol. 29, pp. 245 - 255 (1982).
CE1	Van der Ploeg, Lex H. T., et al.; Structure of the Growing Telomeres of Trypanosomes; Cell, Vol. 36, pp. 459 - 468 (1984).
CF1	Weinert, Ted, et al.; Forever hopeful relations: chromatin, telomeres and checkpoints; Nature Genetics, Vol. 21, pp. 151 - 152 (1999).
CG1	Wong, Kwok-Kin, et al.; Telomere dysfunction impairs DNA repair and enhances sensitivity to

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<i>[Signature]</i>	CH1	Yao, Zhengbin, et al.; A Novel Human STE20-related Protein Kinase, HGK, That Specifically Activates the c-Jun N-terminal Kinase Signaling Pathway; The Journal of Biological Chemistry, Vol. 274 (4), pp. 2118 - 2125 (1999).	
<i>[Signature]</i>	CI1	Yussman, Martin G., et al.; Mitochondrial death protein Nix is induced in cardiac hypertrophy and triggers apoptotic cardiomyopathy; Nature Medicine, Vol. 8 (7), pp. 725 - 730 (2002).	
<i>[Signature]</i>	CJ1	Zhang, Dou, et al.; TAK1 is activated in the myocardium after pressure overload and is sufficient to provoke heart failure in transgenic mice; Nature Medicine, Vol. 6 (5), pp. 556 - 563 (2000).	
<i>[Signature]</i>	CK1	Zakian, Virginia A.; Telomeres: Beginning to Understand the End; SCIENCE, Vol. 270, pp. 1601 - 1607 (1995).	
<i>[Signature]</i>	CL1	Zhong, Zhong, et al.; A Mammalian Factor That Binds Telomeric TTAGGG Repeats In Vitro; Molecular and Cellular Biology, Vol. 12 (11), pp. 4834 - 4843 (1992).	
<i>[Signature]</i>	CM1	Kishimoto, Kazuya, et al.; The Journal of Biological Chemistry, Vol. 275 (10), pp. 7359 - 7369 (2000).	
<i>[Signature]</i>	CN1	Jackson, Kathyjo A., et al.; Regeneration of ischemic cardiac muscle and vascular endothelium by adult stem cells; The Journal of Clinical Investigation, Vol. 107 (11), pp. 1395 - 1402 (2001).	
<i>[Signature]</i>	CO1	Hemann, Michael T., et al.; Telomere Dysfunction Triggers Developmentally Regulated Germ Cell Apoptosis; Molecular Biology of the Cell, Vol. 12, pp. 2023 - 2030 (2001).	
<i>[Signature]</i>	CP1	Grepin, Claudine, et al.; Enhanced cardiogenesis in embryonic stem cells overexpressing the GATA-4 transcription factor; Development, Vol. 124, pp. 2387 - 2395 (1997).	
<i>[Signature]</i>	CQ1	Chang, Sandy, et al.; Commentary - Telomerase extracellular activities; Proc. Natl. Acad. Sci. USA, Vol. 99 (20), pp. 12520 - 12522 (2002).	
<i>[Signature]</i>	CR1	Wright, Jocelyn H., et al.; The STE20 Kinase HGK Is Broadly Expressed in Human Tumor Cells and Can Modulate Cellular Transformation, Invasion, and Adhesion; Molecular and Cellular Biology, Vol. 23 (6), pp. 2068 - 2082 (2003).	
<i>[Signature]</i>	CS1	Prowse, Karen R., et al.; Developmental and tissue-specific regulation of mouse telomerase and telomere length; Proc. Natl. Acad. Sci. USA, Vol. 92, pp. 4818 - 4822 (1995).	
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<i>[Signature]</i>	CV1	Pasumarthi, Kishore B.S., et al.; Cardiomyocyte Cell Cycle Regulation; Circ Res., Vol. 90, pp. 1044 - 1054 (2002).	
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